

Critical values of F for $\alpha = .05$ & $\alpha = .01$

Denominator df		Numerator df						
		α	1	2	3	4	5	6
1		.05	161	200	216	225	230	234
2		.05	18.5	19.0	19.2	19.2	19.3	19.3
		.01	98.5	99.0	99.2	99.2	99.3	99.3
3		.05	10.1	9.55	9.28	9.12	9.01	8.94
		.01	34.1	30.8	29.5	28.7	28.2	27.9
4		.05	7.71	6.94	6.59	6.39	6.26	6.16
		.01	21.2	18.0	16.7	16.0	15.5	15.2
5		.05	6.61	5.79	5.41	5.19	5.05	4.95
		.01	16.3	13.3	12.1	11.4	11.0	10.7
6		.05	5.99	5.14	4.76	4.53	4.39	4.28
		.01	13.7	10.9	9.78	9.15	8.75	8.47
7		.05	5.59	4.74	4.35	4.12	3.97	3.87
		.01	12.2	9.55	8.45	7.85	7.46	7.19
8		.05	5.32	4.46	4.07	3.84	3.69	3.58
		.01	11.3	8.65	7.59	7.01	6.63	6.37
9		.05	5.12	4.26	3.86	3.63	3.48	3.37
		.01	10.6	8.02	6.99	6.42	6.06	5.80
10		.05	4.96	4.10	3.71	3.48	3.33	3.22
		.01	10.0	7.56	6.55	5.99	5.64	5.39
11		.05	4.84	3.98	3.59	3.36	3.20	3.09
		.01	9.65	7.21	6.22	5.67	5.32	5.07
12		.05	4.75	3.89	3.49	3.26	3.11	3.00
		.01	9.33	6.93	5.95	5.41	5.06	4.82
13		.05	4.67	3.81	3.41	3.18	3.03	2.92
		.01	9.07	6.70	5.74	5.21	4.86	4.62
14		.05	4.60	3.74	3.34	3.11	2.96	2.85
		.01	8.86	6.51	5.56	5.04	4.69	4.46
15		.05	4.54	3.68	3.29	3.06	2.90	2.79
		.01	8.68	6.36	5.42	4.89	4.56	4.32
16		.05	4.49	3.63	3.24	3.01	2.85	2.74
		.01	8.53	6.23	5.29	4.77	4.44	4.20
17		.05	4.45	3.59	3.20	2.96	2.81	2.70
		.01	8.40	6.11	5.18	4.67	4.34	4.10
18		.05	4.41	3.55	3.16	2.93	2.77	2.66
		.01	8.29	6.01	5.09	4.58	4.25	4.01

Denominator df		Numerator df					
		α	1	2	3	4	5
19	.05	4.38	3.52	3.13	2.90	2.74	2.63
	.01	8.18	5.93	5.01	4.50	4.17	3.94
20	.05	4.35	3.49	3.10	2.87	2.71	2.60
	.01	8.10	5.85	4.94	4.43	4.10	3.87
22	.05	4.30	3.44	3.05	2.82	2.66	2.55
	.01	7.95	5.72	4.82	4.31	3.99	3.76
24	.05	4.26	3.40	3.01	2.78	2.62	2.51
	.01	7.82	5.61	4.72	4.22	3.90	3.67
26	.05	4.23	3.37	2.98	2.74	2.59	2.47
	.01	7.72	5.53	4.64	4.14	3.82	3.59
28	.05	4.20	3.34	2.95	2.71	2.56	2.45
	.01	7.64	5.45	4.57	4.07	3.75	3.53
30	.05	4.17	3.32	2.92	2.69	2.53	2.42
	.01	7.56	5.39	4.51	4.02	3.70	3.47
40	.05	4.08	3.23	2.84	2.61	2.45	2.34
	.01	7.31	5.18	4.31	3.83	3.51	3.29
60	.05	4.00	3.15	2.76	2.53	2.37	2.25
	.01	7.08	4.98	4.13	3.65	3.34	3.12
120	.05	3.92	3.07	2.68	2.45	2.29	2.17
	.01	6.85	4.79	3.95	3.48	3.17	2.96
200	.05	3.89	3.04	2.65	2.42	2.26	2.14
	.01	6.76	4.71	3.88	3.41	3.11	2.89
∞	.05	3.84	3.00	2.60	2.37	2.21	2.10
	.01	6.65	4.61	3.78	3.32	3.02	2.80

